SITE NOTES:

- THE SITE IS SHOWN ON THE TOWN OF FREETOWN ASSESSORS MAP AS MAP 232 LOT 32 AND MAP 233 LOT 4.
 PROPERTY LINE AND EXISTING CONDITIONS INFORMATION WAS TAKEN FROM A FIELD SURVEY BY MOUNT HOPE
- 3. NORTHERN BRISTOL COUNTY REGISTRY OF DEEDS:
- DEED REFERENCE: BOOK 2478 PAGE 17 BOOK 8159 PAGE 102
- PLAN REFERENCES: PLAN BOOK 106 PAGE 5
 4. A PORTION OF THE SITE IS LOCATED IN A FLOOD PLAIN ZONE A AS INDICATED ON THE F.E.M.A. FLOOD
- 5. THE SITE IS NOT LOCATED IN A PRIORITY HABITAT AND ESTIMATED HABITAT AS SHOWN ON THE MASSACHUSETTS NATURAL HERITAGE ATLAS 14TH EDITION EFFECTIVE DATE AUGUST, 2017.
- 6. AN ORDER OF RESOURCE AREA DELINEATION (ORAD) WAS ISSUED ON 2/2/2009 BY THE FREETOWN
- 7. THE PROJECT IS NOT LOCATED WITHIN AN AREA OF CRITICAL ENVIRONMENTAL CONCERN (ACEC).
- 8. THE SITE IS NOT LOCATED IN A ZONE II TO A PUBLIC WATER SUPPLY WELL.
- . THE SITE IS NOT IN A ZONE A TO A SURFACE WATER SUPPLY AREA.
- 11. ALL UNDERGROUND UTILITIES ARE TO BE CONSIDERED APPROXIMATE. LOCATIONS WERE TAKEN FROM PLANS OF RECORD WITH THE MUNICIPALITY, DIG SAFE LOCATIONS OR FIELD EVIDENCE. IT IS THE CONTRACTORS RESPONSIBILITY TO CONTACT DIG SAFE (1–888–DIG SAFE) AND ALL UTILITY COMPANIES TO CONFIRM LOCATIONS AND ELEVATIONS PRIOR TO THE STAPT OF WORK

CONSTRUCTION NOTES:

DRAWING

NUMBER

C1

G1

G2

G3

G4

G5

EC1

D1

PLAN TITLE

COVER SHEET

EXISTING CONDITIONS PLAN

GRADING PLAN

GRADING PLAN

GRADING PLAN

GRADING PLAN

GRADING PLAN

WETLAND REPLICATION PLAN

EROSION CONTROL PLAN

DETAIL SHEET 1

- 1. A NPDES FILING MUST BE SUBMITTED FOR THIS PROJECT PRIOR TO CONSTRUCTION.
- 2. CONTRACTOR TO VERIFY BENCHMARKS FOR CONSISTENCY PRIOR TO CONSTRUCTION AND SHALL NOTIFY ZENITH CONSULTING ENGINEERS, LLC. OF ANY DISCREPANCIES.
- 3. CONTRACTOR SHALL VERIFY WATER TABLE ELEVATIONS AND NOTIFY THE DESIGN ENGINEER OF ANY DISCREPANCIES FROM THE PLAN.
- 4. IT IS THE CONTRACTORS RESPONSIBILITY TO CONTACT DIG SAFE (1-888-DIG SAFE) PRIOR TO T
- COMMENCEMENT OF WORK AND ALL UNDERGROUND UTILITY COMPANIES TO CONFIRM LOCATIONS AND ELEVATIONS

 5. PROPOSED UTILITIES AND CONSTRUCTION METHODS UNDER AREAS SUBJECT TO TRAFFIC LOADING SHALL BE
 INSTALLED TO WITHSTAND H—20 LOADING TRAFFIC STANDARDS CONTRACTOR SHALL VERIFY THAT ALL STRUCTURE
- WHERE ALL CONCRETE STRUCTURES INTERCEPT THE SEASONAL HIGH GROUNDWATER TABLE, THE CONTRACTOR SHALL SEAL THE ENTIRE STRUCTURE WITH WATERPROOF SEALER.
- IF APPLICABLE, ANY RETAINING WALLS SHALL BE DESIGNED BY A MASSACHUSETTS REGISTERED PROFESSION/ STRUCTURAL ENGINEER.
- DEPARTMENT OF TRANSPORTATION SPECIFICATIONS FOR HIGHWAY AND BRIDGES, MOST CURRENT VERSION OF PLAN SET.
- AN ESTIMATE 900,000 CUBIC YARDS OF SOIL ARE TO BE REMOVED DURING THE EARTH REMOVAL OPERATION

SCHEDULE OF DRAWINGS

PLAN PREPARED BY

ZENITH CONSULTING ENGINEERS, LLC.

PLAN DATE

8/27/20

8/27/20

8/27/20

8/27/20

8/27/20

8/27/20

8/27/20

8/27/20

SITE PLAN FOR

35 COPICUT ROAD FREETOWN, MASSACHUSETTS



LOCUS PLAN SCALE: 1"=500"



PROJECT MANAGEMENT AND DESIGN ASSISTANCE BY:

HOLMES ENGINEERING

CIVIL ENGINEERING & CONSULTING 622 BERKLEY STREET, BERKLEY, MA 02779 PHONE: (508) 880-6535

SURVEY BY:

MOUNT HOPE ENGINEERING, INC. CIVIL/ENVIRONMENTAL SERVICES 1788 G.A.R. HIGHWAY, SWANSEA, MA 02777 PHONE: (508) 379-1234

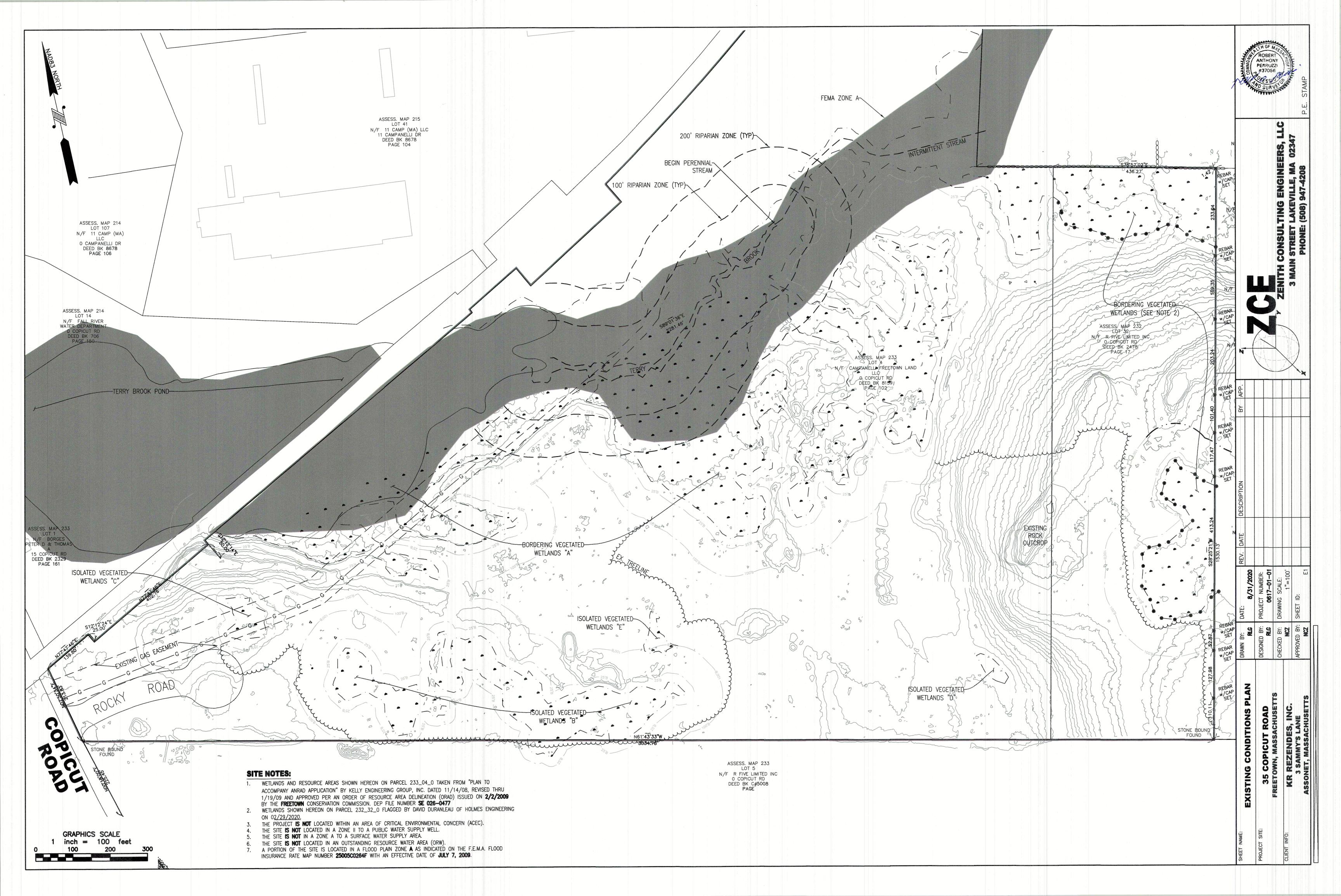
OWNER
R FIVE LIMITED INC.
3 SAMMY'S LANE
ASSONET, MA 02702

APPLICANT KR REZENDES, INC. 3 SAMMY'S LANE ASSONET, MA 02702

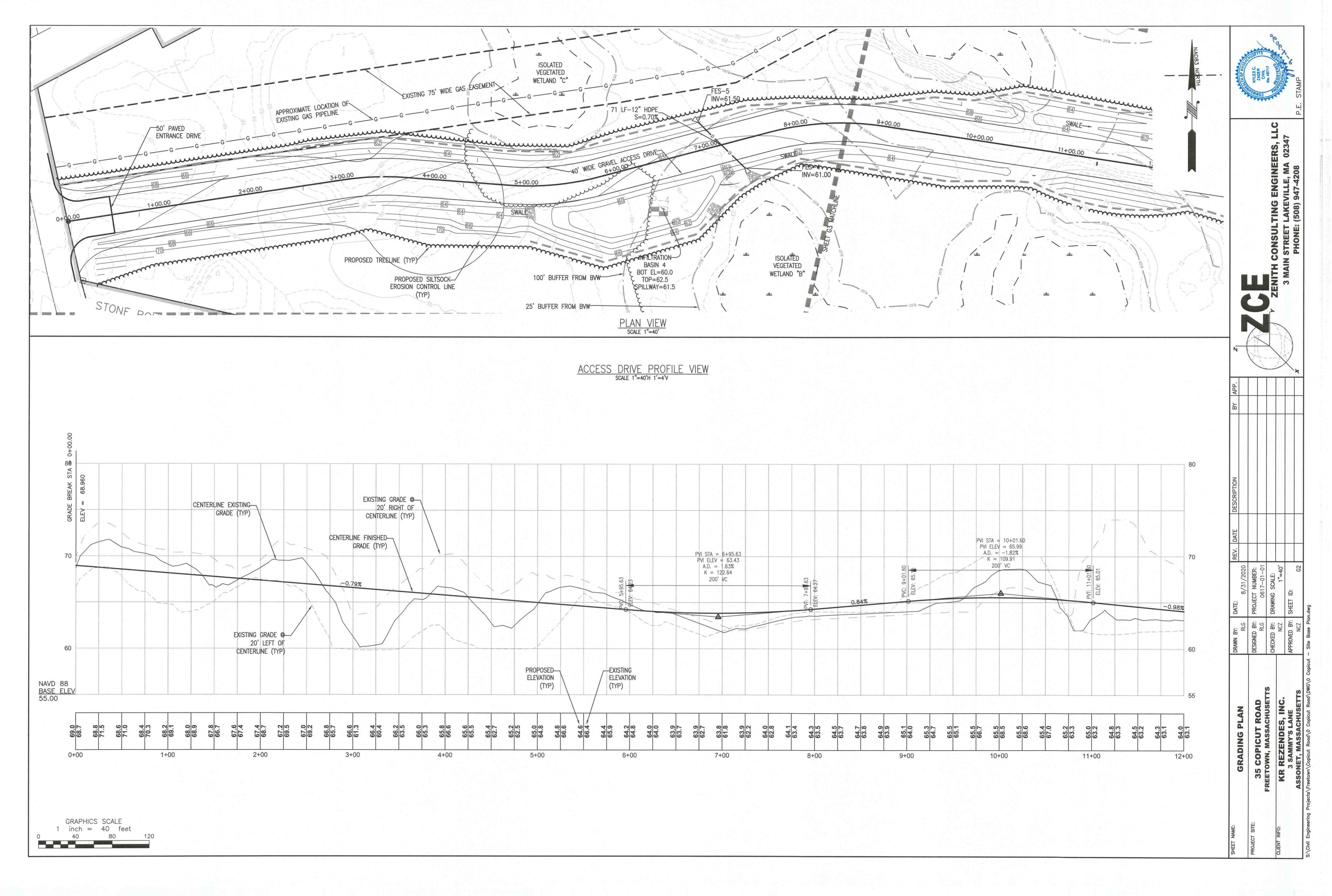
	· · · · · · · · · · · · · · · · · · ·	LEGEND	
	EXISTING	DESCRIPTION	PROPOSED
	- 98	CONTOURS	72
	×69.4	SPOT GRADE	+98.5
		BOUND	
	TP 7	TEST PIT	
علاد	عللد	WETLAND SYMBOL	
♦WF	#BVW15	WETLAND FLAG AND NUMBER	
— 25'B		25' BVW BUFFER	
50'B	1 1 h	50' BVW BUFFER	
— 100'E)	100' BVW BUFFER	
D —	- D D	DRAIN LINE	DD
	0	DRAIN MANHOLE	0
	=	CATCH BASIN	©
		RETAINING WALL	
OHW	OHW	OVERHEAD WIRES	
	© UP#213·	UTILITY POLE	D
	• *	LIGHT POLE	\$
0000	0000000000	STONEWALL	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
	- s	SEWER LINE	— s —
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0 4	> 0 0 0	CHAIN LINK FENCE	
	-6-	HYDRANT	4
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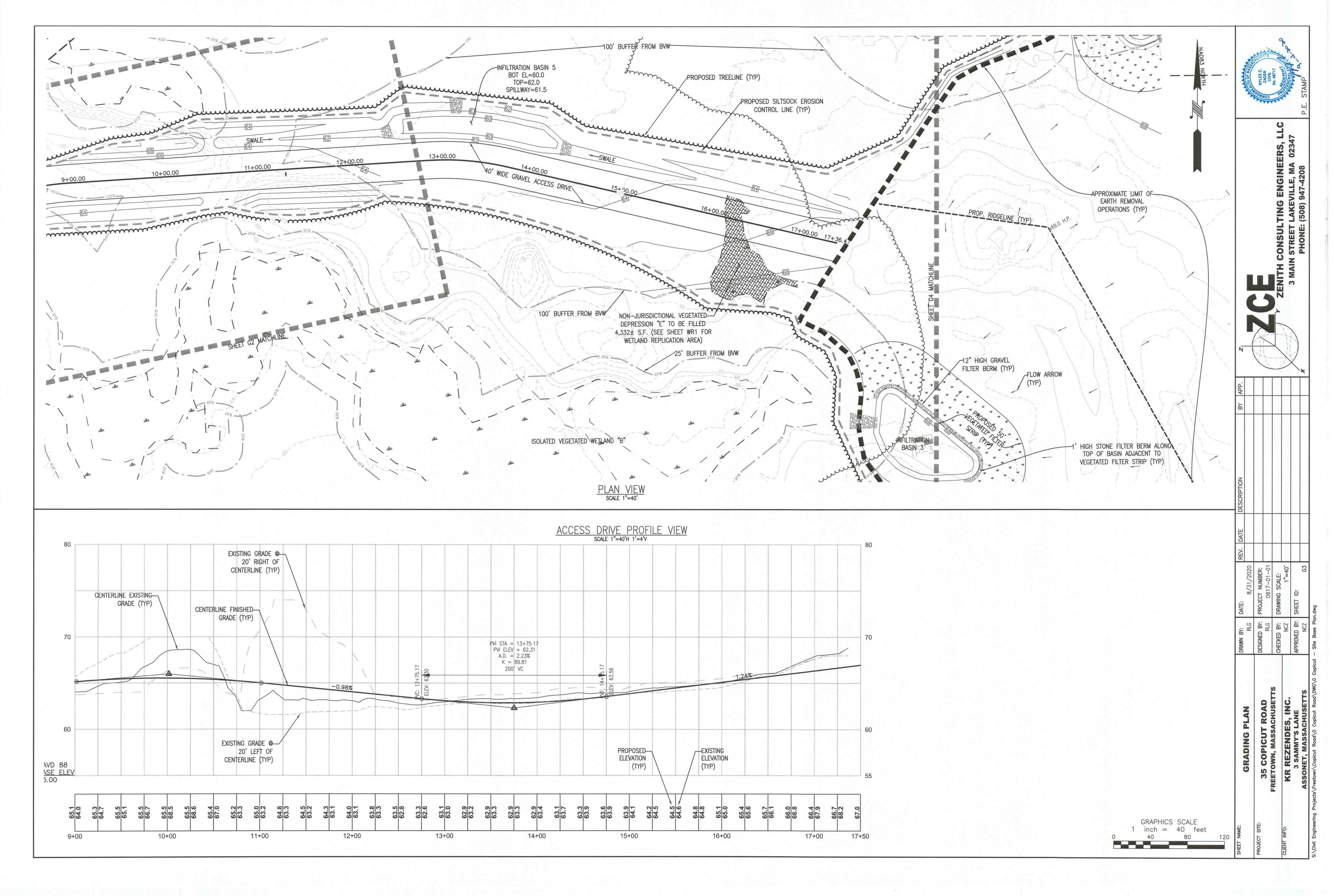
NYLES C. PER CONTLES C. ZAGER CINIL NO. 48717

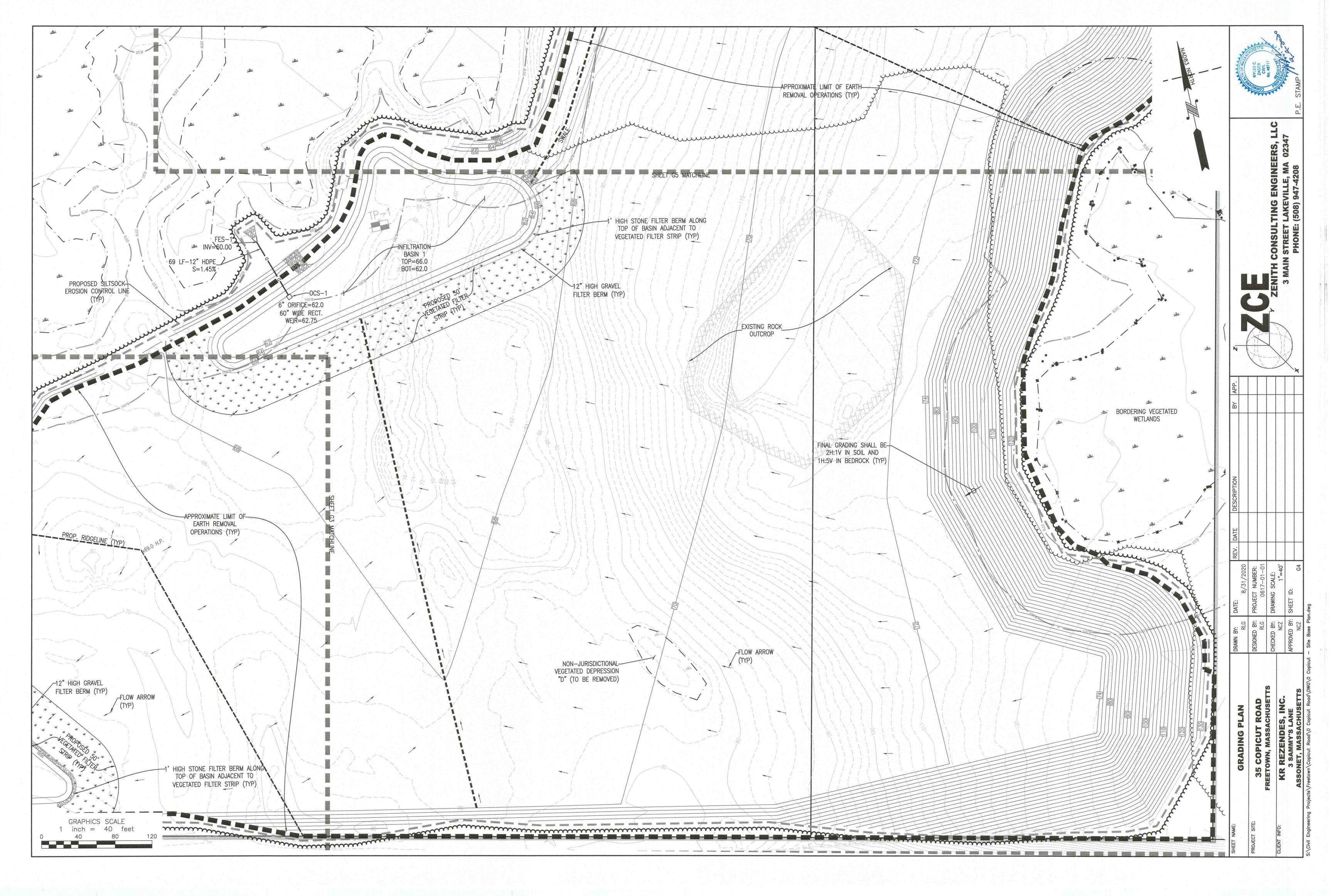
AUGUST 31, 2020

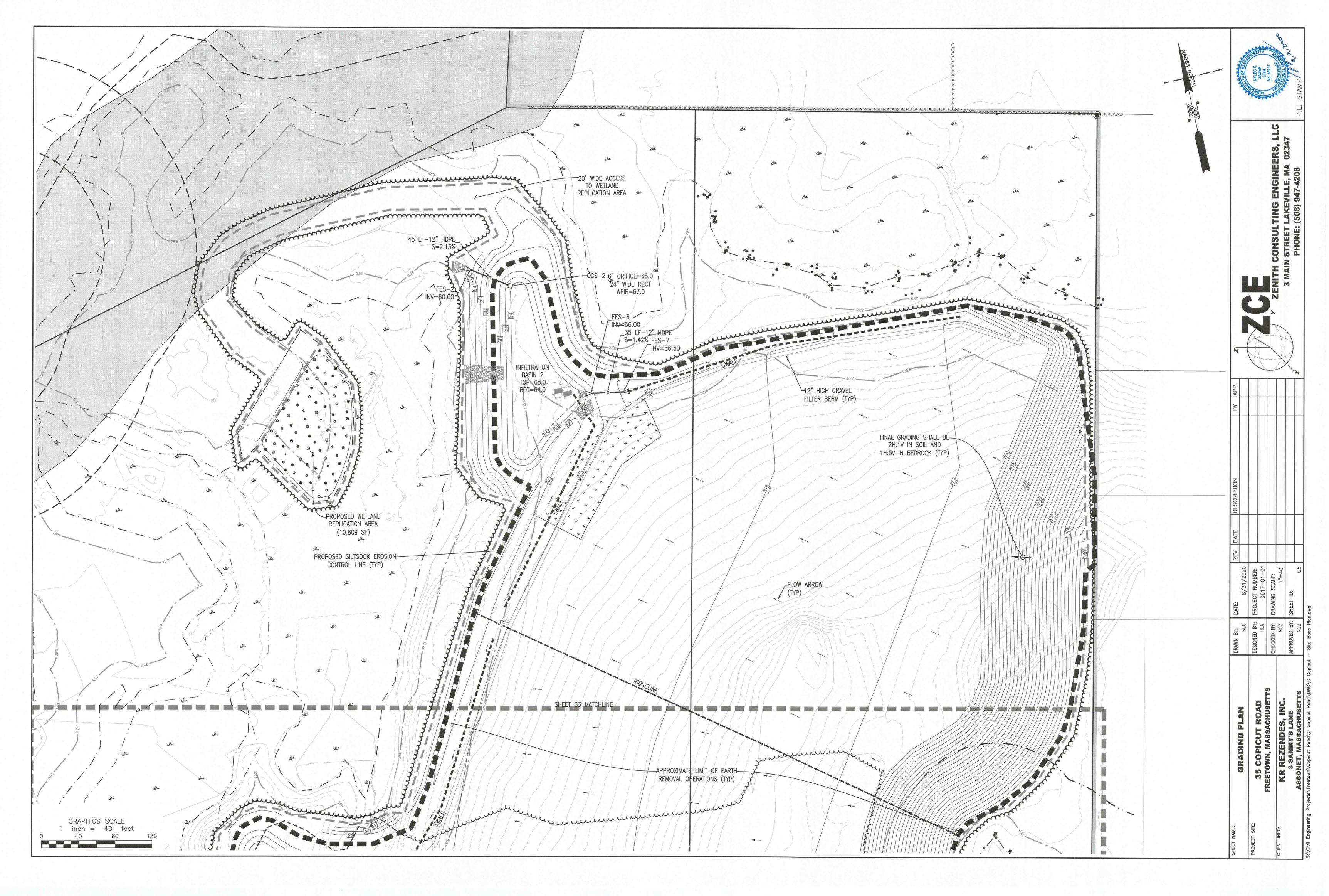


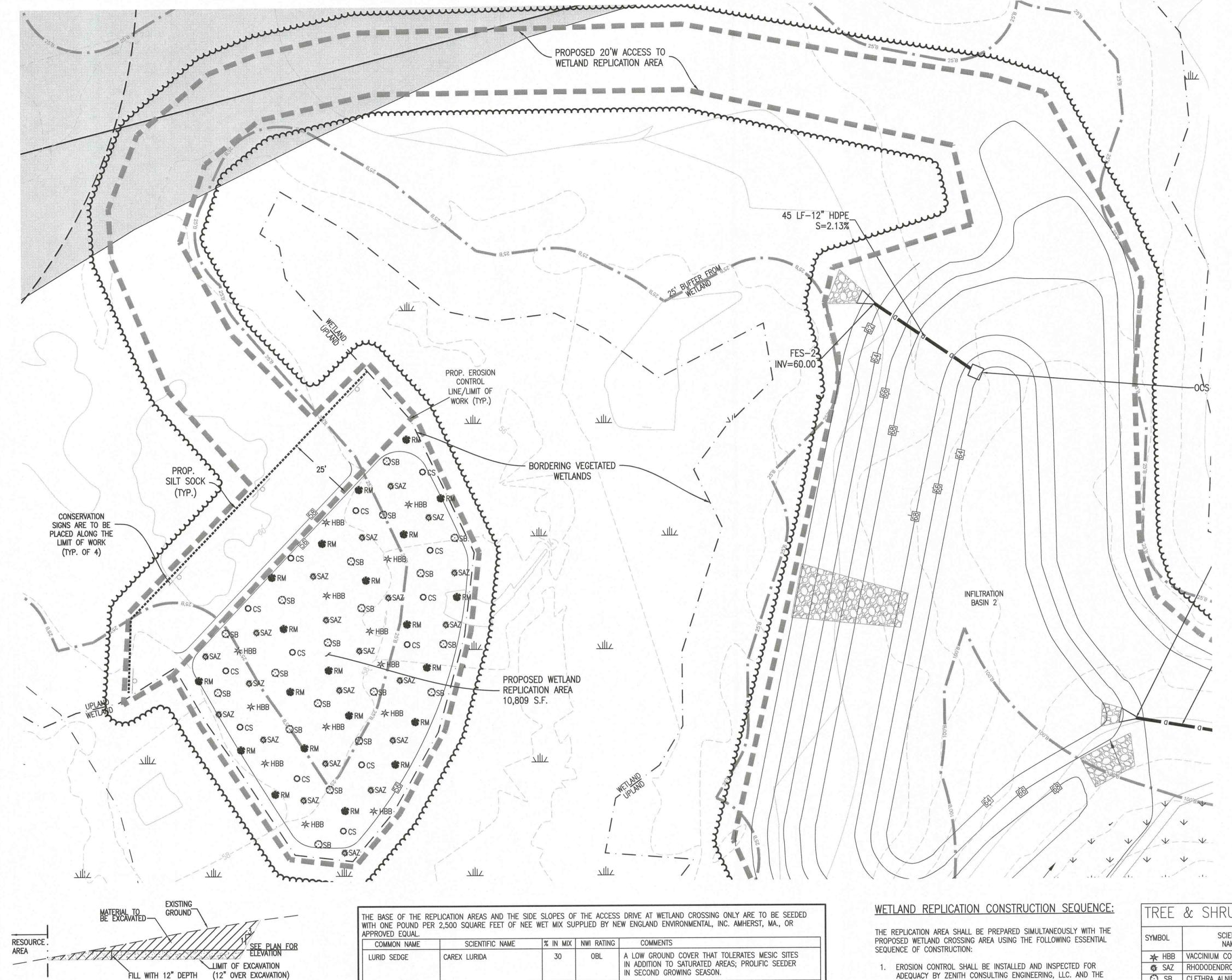












TYPICAL REPLICATION AREA CROSS SECTION NOT TO SCALE

OF HYDRIC SOIL

LEG	END
<u> </u>	EXISTING CONTOURS
69	PROPOSED CONTOURS
+100.50	PROPOSED SPOT ELEVATION
minne	EXISTING TREELINE
~~~~~	PROPOSED TREELINE
• BW−1−13	WETLANDS FLAG
	EROSION CONTROL
	EXISTING WETLANDS

GRAPHICS SCALE

1 inch = 40 feet

COMMON NAME	SCIENTIFIC NAME	% IN MIX	NWI RATING	COMMENTS
LURID SEDGE	CAREX LURIDA	30	OBL	A LOW GROUND COVER THAT TOLERATES MESIC SITES IN ADDITION TO SATURATED AREAS; PROLIFIC SEEDER IN SECOND GROWING SEASON.
FOWL MEADOW GRASS	GLYCERIA CANADENSIS	25	OBL	PROLIFIC SEED PRODUCER THAT IS A VALUABLE WILDLIFE RESOURCE.
FRINGED SEDGE	CAREX CRINITA	10	OBL	A MEDIUM TO LARGE SEDGE THAT TOLERATES SATURATED AREAS; GOOD SEED PRODUCER.
JOE-PYE WEED	EUPATORIADELPHUS MACULATUS	10	FACW	FLOWERING PLANT THAT IS VALUABLE FOR WILDLIFE COVER; GROWS TO 4 FEET.
BROOM SEDGE	CAREX SPP, OVALES GROUP	10	FACW-OBL	TOLERATES A WIDE RANGE OF HYDROLOGIC CONDITIONS.
WOOLGRASS	SCIRPUS CYPERINUS	5	FACW+	TOLERATES FLUCTUATING HYDROLOGY
BONESET	EUPATORIUM PERFOLIATUM	5	FACW+	FLOWERING PLANT THAT IS VALUABLE FOR WILDLIFE COVER; GROWS TO 3 FEET.
TUSSOCK SEDGE	CAREX STRICTA	<5	OBL	GROWS IN ELEVATED HUMMOCKS ON WET SITES, MAY GROW RHIZOMONOUSLY ON DRIER SITES.
BLUE VERVAIN	VERBENA HASTATA	<5	FACW+	A NATIVE PLANT THAT BEARS ATTRACTIVE BLUE FLOWERS.

- ADEQUACY BY ZENITH CONSULTING ENGINEERING, LLC. AND THE FREETOWN CONSERVATION COMMISSION OR ITS AGENT. 2. THE REPLICATION AREA SHALL THEN BE CLEARED AND GRUBBED.
- 3. ANY SALVAGEABLE TOPSOIL FROM THE REPLICATED AREA SHALL BE STOCKPILED UPGRADIENT OF THE REPLICATION AREA. 4. THE AREA WILL THEN BE GRADED TO A SUBGRADE ONE FOOT
- LOWER THAN FINAL GRADES SHOWN.
- 5. THE SALVAGED TOPSOIL WILL THEN BE SPREAD. 6. THE WETLAND FILLING AREAS WILL THEN BE EXAMINED FOR
- SALVAGEABLE SHRUBS. ANY SHRUBS DEEMED POTENTIALLY SALVAGEABLE BY THE ENGINEER WILL BE EXCAVATED AND STAGED FOR TRANSPLANTING. 7. ALL ORGANIC TOPSOIL FROM THE WETLAND CROSSING WILL THEN
- BE SPREAD TO ACHIEVE THE FINAL PROPOSED GRADES. THE AREA IS NOT TO BE RAKED SMOOTH BUT RATHER IS TO BE LEFT WITH BACK HOE TEETH MARKS IN ORDER TO CREATE A MICROTOPOGRAPHY.
- 9. THE SHRUBS SHALL BE PLANTED AS DIRECTED BY THE ENGINEER. 10. THE AREA WILL THEN IMMEDIATELY BE SEEDED WITH NEE WETLAND MIX AT A RATE OF 1 LB PER 2,500 SQUARE FEET.

TREE	& SHRUB PLA	NTING SCHED	ULE	
SYMBOL	SCIENTIFIC NAME	COMMON NAME	SIZE	QUANTITY
★ HBB	VACCINIUM CORYMBOSUM	HIGHBUSH BLUEBERRY	2'	13
	RHODODENDRON VISCOSUM	SWAMP AZALEA	2'	21
◯ SB	CLETHRA ALNIFOLIA	SWEET PEPPER BUSH	2'	19
O CS	LINDERA BENZOIN	COMMON SPICEBUSH	2'	13
RM	ACER RUBRUM	RED MAPLE	3'	21

# REPLICATION NOTES:

TOTAL ISOLATED VEGETATED WETLAND TO BE DISTURBED = 4,332 S.F. TOTAL WETLAND REPLICATION AREA PROVIDED REPLICATION/DISTURBANCE RATIO = 2.49

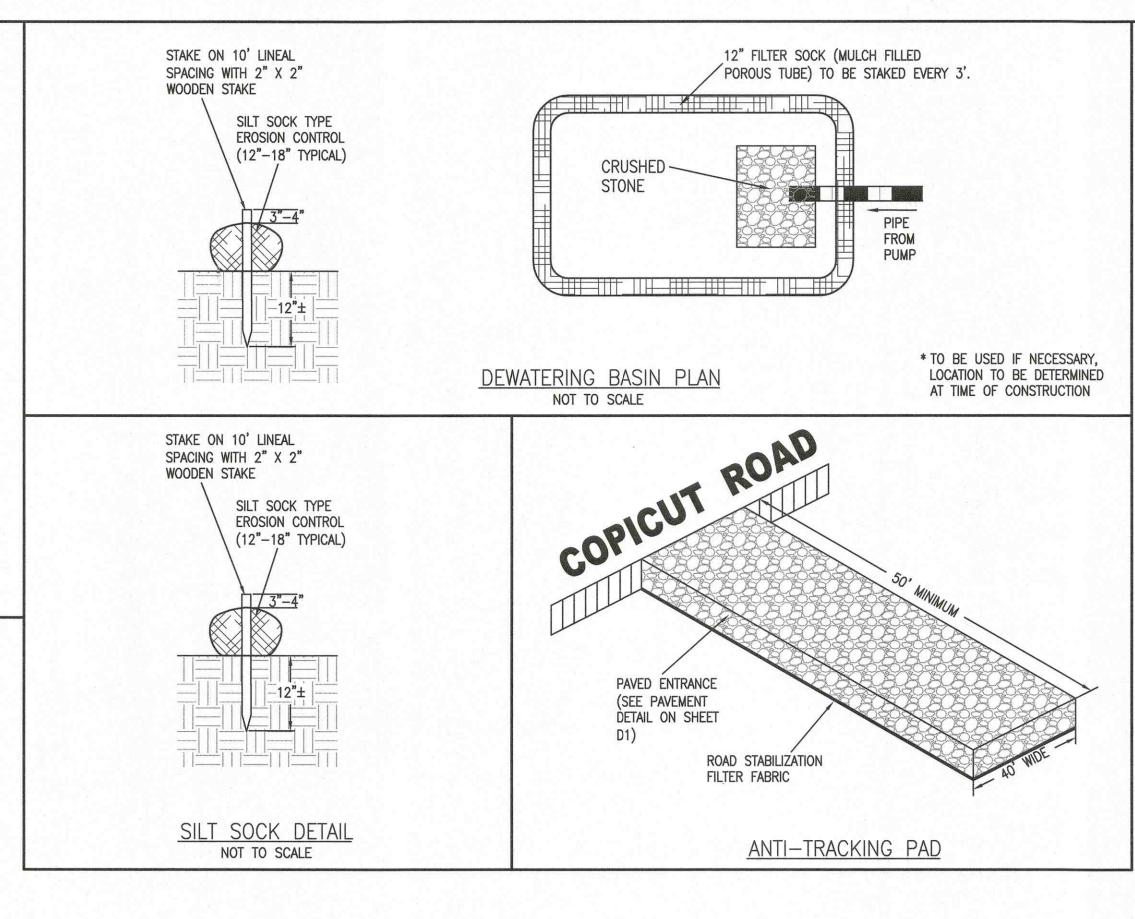
	DRAWN BY:	DATE:	REV. DATE	DESCRIPTION	BY APP.	2
WETLAND REPLICATION PLAN	RLG	8/31/2020				
	DESIGNED BY:	PROJECT NUMBER:				
	RLG	0617-01-01				
FREETOWN, MASSACHUSETTS	CHECKED BY:	DRAWING SCALE:				ZENITH CONSULTING ENGINEERS, LLC
	NCZ					3 MAIN STREET I AKEVII IE MA 02347
	APPROVED BY: SHEET ID:	SHEET ID:				SHOWE - 4500 047 4200
	NCZ	WR1				Y PHONE: (500) 347-4200

CONSTRUCTION OPERATION AND MAINTENANCE SCHEDULE THE OPERATION AND MAINTENANCE (O&M) SCHEDULE DURING THE CONSTRUCTION PHASE IS THE RESPONSIBILITY OF THE DEVELOPER AND/OR SITE CONTRACTOR. THE OUTLINE BELOW SHALL BE ADHERED TO AS CLOSELY AS POSSIBLE TO ENSURE THE PROPER CONSTRUCTION AND FUNCTION OF THE DRAINAGE SYSTEM.

- PRIOR TO CONSTRUCTION, SILT SOCK SHALL BE INSTALLED PER THE APPROVED PLANS. THE SILT SOCK SHALL BE INSPECTED PRIOR TO A LARGE STORM EVENT TO ENSURE THAT THE EROSION CONTROL WILL FUNCTION AS REQUIRED AND FOLLOWING A STORM TO INSPECT FOR DAMAGE TO THE EROSION CONTROL ELEMENTS. ANY DAMAGE OR IMPROPER INSTALLATION THAT IS NOTICED PRIOR TO OR FOLLOWING A STORM EVENT SHALL BE PROMPTLY REPLACED OR REPAIRED IN A SATISFACTORY MANNER SO AS TO PREVENT SEDIMENT FROM BYPASSING THE EROSION CONTROL BARRIER.
- 2. THE LIMIT OF CLEARING SHOWN ON THE APPROVED PLAN SHALL BE STRICTLY ADHERED TO. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE LEVEL OF SAFETY OF STANDING TREES.
- 3. IN CONJUNCTION WITH THE SITE CONSTRUCTION, ALL DRAINAGE STRUCTURES, INCLUDING THE INFILTRATION BASINS, SHALL BE CONSTRUCTED AND STABILIZED AS SOON AS POSSIBLE. METHODS OF STABILIZATION INCLUDE, BUT ARE NOT LIMITED TO, HYDROSEED, LOAM AND SEED, STRAW MULCH, EROSION CONTROL BLANKETS, ETC.
- 4. THE CATCH BASINS, DRAINAGE MANHOLES, OIL WATER SEPARATORS AND FIRST DEFENSE TREATMENT UNITS SHALL BE INSPECTED WEEKLY DURING CONSTRUCTION. ANY SEDIMENT BUILDUP OF EIGHT (8) INCH DEPTH IN EITHER OF THE STRUCTURES SHALL BE PROMPTLY REMOVED BY HAND OR MECHANICAL METHODS AND ALL DEBRIS REMOVED IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS.
- THE INFILTRATION BASINS SHALL BE INSPECTED WEEKLY OR AFTER ALL RAINFALL EVENTS GREATER THAN 1/2 INCH, WHICHEVER OCCURS SOONER. ANY EROSION WITHIN THE BASINS SHALL BE FILLED AND RESTABILIZED IN A MANNER TO PREVENT FUTURE EROSION. IN ADDITION, THE OUTER PORTIONS OF THE INFILTRATION BASINS SHALL BE INSPECTED IN A SIMILAR MANNER.

CONSTRUCTION SEQUENCE OF OPERATIONS THE FOLLOWING SEQUENCE OF OPERATION SHALL BE FOLLOWED TO ENSURE THE PROPER CONSTRUCTION AND FUNCTION OF THE DRAINAGE AND EROSION CONTROL SYSTEMS.

- PRIOR TO ANY EARTH DISTURBING ACTIVITIES, THE EROSION CONTROL BARRIERS CONSISTING OF SILT FENCE AND SILT SOCK SHALL BE INSTALLED IN THE LOCATIONS SHOWN ON THE SITE PLANS.
- 2. THE EXISTING TREES AND SHRUBS WITHIN THE LIMIT OF WORK SHALL THEN BE CLEARED
- 3. THE CONSTRUCTION PHASE OF THE PROJECT SHALL BEGIN WITH THE CONSTRUCTION OF
- 4. THE AREA SHALL THEN BE FILLED AND COMPACTED IN 12 INCH LIFTS TO THE PROPOSED
- 5. SIDE SLOPES THAT ARE TO BECOME LAWN IN THE FINAL CONDITION SHALL THEN RECEIVE A 4 INCH LAYER OF LOAM AND THEN BE SEEDED WITH A QUALITY HYDROSEED MIX. THOSE SLOPES THAT ARE DESIGNATED TO RECEIVE SPECIAL SLOPE STABILIZATION AS SHOWN ON SHEET EC1 SHALL BE TREATED AS DESCRIBED FOR THAT METHOD.
- THROUGHOUT THE REMAINDER OF THE CONSTRUCTION PHASE. THE ENTIRE PROJECT SITE SHALL BE INSPECTED ON A WEEKLY BASIS AND AFTER ANY RAIN EVENT GREATER THAN 1 INCH FOR INDICATIONS OF EROSION. ANY ERODED AREAS SHALL BE REPAIRED IMMEDIATELY AND STABILIZED WITH VEGETATION. GEOGRID OR ANY METHOD THE CONTRACTOR DETERMINES TO BE ADEQUATE.



STORMWATER MANAGEMENT SYSTEMS LONG-TERM OPERATION AND MAINTENANCE PLAN:

1.0 INTRODUCTION
THE 2318 BAY STREET COMMERCIAL SITE HAS BEEN DESIGNED TO ENSURE STORMWATER QUALITY. IN ORDER FOR THIS TO CONTINUE IN THE LONG TERM, IT IS NECESSARY TO IMPLEMENT THE FOLLOWING LONG TERM OPERATION AND MAINTENANCE PROGRAM.

## 2.0 RESPONSIBLE PARTY

KR REZENDES INC. 3 SAMMY'S WAY ASSONET, MA

RESPONSIBLE FOR OPERATION AND MAINTENANCE:

SAME

MAINTENANCE OF STORMWATER MANAGEMENT FACILITIES

THE STORM WATER MANAGEMENT FACILITIES WERE DESIGNED TO REQUIRE LITTLE OR NO INTERVENTION IN THE OPERATION AND TO REQUIRE LITTLE OR NO MAINTENANCE ONCE THE PROJECT IS BUILT AND STABLE VEGETATIVE COVER IS ESTABLISHED. HOWEVER, THE DRAINAGE IMPROVEMENTS SHALL BE SUBJECT TO THE FOLLOWING MAINTENANCE SCHEDULE:

- DEBRIS: ALL DEBRIS AND LITTER ARE TO BE REMOVED FROM ALL CATCH BASINS, DRAINS, INFILTRATION BASINS AND SURROUNDING AREAS AT LEAST TWICE PER YEAR.
- RE-SEEDING: EMBANKMENTS THAT HAVE EXCESSIVE EROSION OR SLUMPING ARE TO BE RE-GRADED AND SEEDED (WITH CANARY GRASS OR TALL FESCUE GRASS) DURING THE SPRING OR FALL GROWING SEASONS AS NEEDED.
- 3. INSPECT: INFILTRATION BASINS SHALL BE INSPECTED FOR SIGNS OF PROPER FUNCTIONING ON A MONTHLY BASIS. ANY POTENTIAL BLOCKAGES IN THE ROOF DOWN SPOUTS WILL BE REMOVED IF DISCOVERED. GUTTERS WILL BE CLEANED AT LEAST TWICE PER
- 4. MOWING: THE INFILTRATION BASIN SIDESLOPES SHALL BE MOWED AT LEAST TWICE PER YEAR. THE INFILTRATIONS BASIN BOTTOMS SHALL BE INSPECTED AT EACH MOWING EVENT. IF VEGETATION HAS ACCUMULATED THAT COULD CAUSE A NEGATIVE IMPACT ON THE FUNCTION OF THE BASIN, THEN IT SHALL BE REMOVED.

ALL GRAVEL BERMS AND CHECKDAMS WILL BE CLEANED A MINIMUM OF ONCE PER YEAR AND INSPECTED MONTHLY DURING THE ACTIVE CONSTRUCTION STAGE.

3.3 NON-ROUTINE MAINTENANCE 1. STRUCTURAL: ALL PIPES AND INFILTRATION BASIN SIDESLOPES AND OVERFLOW SPILLWAYS SHALL BE INSPECTED ONCE EVERY FOUR (4) YEARS FOR PROPER FUNCTION, CLOGGING, SIGNS OF DETERIORATION AND STRUCTURAL INADEQUACY. ANY ADVERSE SITUATIONS

# 3.4 NON-PERIODIC INSPECTION

ARE TO BE REPAIRED AS NEEDED.

1. THE STORM WATER MANAGEMENT SYSTEM SHALL BE INSPECTED AFTER TWO YEARS OF FULL OPERATION BY A REGISTERED PROFESSIONAL CIVIL ENGINEER TO CONFIRM ITS ADEQUACY. THE INSPECTION SHALL INCLUDE AN EXAMINATION OF ALL COMPONENTS OF THE SYSTEM INCLUDING ALL INFILTRATION SYSTEMS.

4.0 PUBLIC SAFETY FEATURES THE STORMWATER MANAGEMENT FACILITIES WERE DESIGNED TO BE INHERENTLY SAFE. ALL OF THE ACCESSIBLE STORMWATER CONTROLS (I.E., LOW POINTS, ETC.) WERE DESIGNED WITH 3:1 MINIMUM SIDE SLOPES TO ALLOW FOR PEDESTRIAN ACCESS IN AND OUT OF THE STORMWATER CONTROLS.

#### 5.0 ESTIMATED O&M BUDGET

THE ESTIMATED ANNUAL BUDGET TO CONDUCT THE SPECIFIED OPERATION AND MAINTENANCE IS APPROXIMATELY \$4,000.00.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTROL EROSION AND PREVENT SEDIMENTATION BEYOND THE LIMIT OF WORK OR OFFSITE PROPERTIES. IT IS INTENDED THAT THE IMPLEMENTATION OF THE FOLLOWING MEASURES WILL MEET THIS GOAL. WHEN IT IS CLEAR TO THE DESIGNER THAT EROSION AND SEDIMENTATION HAVE BEEN ADEQUATELY CONTROLLED WITHOUT THE IMPLEMENTATION OF EVERY MEASURE, ADDITIONAL MEASURES NEED NOT BE IMPLEMENTED. ALTERNATIVELY, IF ALL OF THE FOLLOWING MEASURES HAVE BEEN IMPLEMENTED AND THE CONTROL OF EROSION AND SEDIMENTATION IS INADEQUATE, THE CONTRACTOR MUST EMPLOY SUFFICIENT SUPPLEMENTAL MEASURES BEYOND THE SCOPE OF THIS PLAN.

- 1. EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED PRIOR TO STUMP REMOVAL AND CONSTRUCTION. STABILIZATION OF ALL
- REGRADED AND SOIL STOCKPILE AREAS WILL BE INITIATED AND MAINTAINED DURING ALL PHASES OF CONSTRUCTION. 2. ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE CONSTRUCTED IN ACCORDANCE WITH LOCAL MUNICIPAL REGULATIONS. ALL EROSION CONTROL MEASURES ARE TO BE MAINTAINED AND UPGRADED AS REQUIRED TO ACHIEVE PROPER SEDIMENT CONTROL DURING CONSTRUCTION. A STAKED SILT SOCK SHALL BE INSTALLED DOWN GRADIENT OF ALL DRAINAGE OUTFALLS.
- ADDITIONAL CONTROL MEASURES WILL BE INSTALLED DURING THE CONSTRUCTION PERIOD, IF DEEMED NECESSARY BY THE OWNER OR AGENTS OF THE OWNER.
- 4. CATCH BASINS WILL BE PROTECTED WITH HAYBALE FILTERS THROUGHOUT THE CONSTRUCTION PERIOD UNTIL ALL DISTURBED AREAS ARE THOROUGHLY STABILIZED. SILT SOCKS SHOULD BE INSTALLED UNDER GRATE OPENING UNTIL PAVEMENT IS IN PLACE AND GROUND SURFACE IS STABILIZED.
- 5. SEEDING MIXTURE FOR FINISHED GRASSED AREAS WILL BE AS FOLLOWS:

KENTUCKY BLUE GRASS 45% CREEPING RED FESCUE 45% PERENNIAL RYEGRASS 10%

SEED TO BE APPLIED AT A RATE OF 4 LBS./1000 SQ. FT. PLANTING SEASONS SHALL BE APRIL 1 TO JUNE 1 AND AUGUST 1 TO OCTOBER 15, AFTER OCTOBER 15, AREAS WILL BE STABILIZED WITH HAYBALE CHECK, FILTER FABRIC, OR WOODCHIP MULCH, AS REQUIRED, TO CONTROL EROSION.

- 6. STABILIZATION OF SLOPES IN CUT AREAS (USING MULCH OR GRASS) AND THE INSTALLATION OF CONTROL LINE (HAYBALE CHECK OR FILTER FABRIC) AT THE TOE OF SLOPE SHALL BE INITIATED WITHIN THIRTY (30) DAYS OF COMPLETION.
- 7. SEDIMENT REMOVED FROM CONTROL STRUCTURES WILL BE DISPOSED IN A MANNER WHICH IS CONSISTENT WITH THE INTENT OF THE PLAN. ALL HAYBALES OR SILT FENCE RETAINING SEDIMENT OVER 1/2 THEIR HEIGHT SHALL HAVE THE SEDIMENT REMOVED AND ALL DAMAGED EROSION CONTROLS SHALL BE REPAIRED OR REPLACED.
- 8. CONTRACTOR WILL BE ASSIGNED THE RESPONSIBILITY FOR IMPLEMENTING THIS EROSION AND SEDIMENT CONTROL PLAN. THIS RESPONSIBILITY INCLUDES THE INSTALLATION AND MAINTENANCE OF CONTROL MEASURES, INFORMING ALL PARTIES ENGAGED ON THE CONSTRUCTION SITE OF THE REQUIREMENTS AND OBJECTIVES OF THE PLAN. THE OWNER SHALL BE RESPONSIBLE FOR CONVEYING A COPY OF THE EROSION AND SEDIMENT CONTROL PLAN IF THE TITLE TO THE LAND IS TRANSFERRED.
- 9. THE CONTRACTOR SHALL BE RESPONSIBLE TO CONTROL DUST AND WIND EROSION THROUGHOUT THE LIFE OF HIS CONTRACT. DUST CONTROL SHALL INCLUDE, BUT IS NOT LIMITED TO SPRINKLING OF WATER ON EXPOSED SOILS AND HAUL ROADS. CONTRACTOR SHALL CONTROL DUST TO PREVENT A HAZARD TO TRAFFIC.
- 10. WHERE DEWATERING IS NECESSARY, THERE SHALL NOT BE A DISCHARGE DIRECTLY INTO WETLANDS OR WATERCOURSES. PROPER METHODS AND DEVICES SHALL BE UTILIZED TO THE EXTENT PERMITTED BY LAW, SUCH AS PUMPING WATER INTO A TEMPORARY SEDIMENTATION BOWL. PROVIDING SURGE PROTECTION AT THE INLET AND THE OUTLET OF PUMPS, OR FLOATING THE INTAKE OF THE PUMP, OR OTHER METHODS TO MINIMIZE AND RETAIN THE SUSPENDED SOLIDS. IF A PUMPING OPERATION IS CAUSING TURBIDITY PROBLEMS, SAID OPERATION SHALL CEASE UNTIL SUCH TIME AS FEASIBLE MEANS OF CONTROLLING TURBIDITY ARE DETERMINED AND IMPLEMENTED. SAID DISCHARGE POINTS SHALL BE LOCATED OVER 100 FEET FROM THE DELINEATED WETLANDS AS INDICATED ON THIS PLAN.



TH CONSULTING F MAIN STREET LAKEV PHONE: (508) 9

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	DESIGNED BY:	PROJECT NUMBER:						
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0	CHECKED BY:	DRAWING SCALE:						
	NCZ	1"=40						
	APPROVED BY: SHEET ID:	SHEET ID:						
S	NCZ	EC1						7
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